NIFOR		i	Application Number Filing Date 10/614,387 July 7, 2003			
	MATION DISCLO	First Named Inventor				
			William C. Maloney			
) (Ose as	s many sneers as neces	saryy			14 2636	
<i>]</i> 					Attorney Docket Number K047 1084	
	U.S	S. PATENT DOCU	JME	NTS		
Cite No.	Document Number	Passages or Relevant Figures Appear				
Α	5,635.693	Benson et al.		02/02	1495	
В	6.292,795	Peters et al.		02/16/	1999	
C	5,805,074	Warren et al.		07/02/	1992	
D	6.431,438	Pires et al.		10/04/2	.000	
	FORE	IGN PATENT DO	CUI	MENTS		
Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY			1 - 3 - 7 - 1	
		·				
-						
······						
		-	_			
	NON PATE	NT LITER ATLIRI	E DO	OCUMENTS		
Cite No.	Include name of the title of the item (bo	author (in CAPITAL look, magazine, journal	LETI , seri	TERS), title of the ar al, symposium, cata	og, etc.), date, page(s),	
R'S SIGNA	TUBE:	DATE.(CONS	SIDERED:	0/04	
	Cite No. Cite No. Cite No.	Cite No. Document Number A 5,635.693 B 6.292,795 C 5,805,074 D 6.431.438 FORE Cite No. Foreign Patent Document NON PATE Cite No. Include name of the attitle of the item (bo volume-iss	Cite No. Document Number	U.S. PATENT DOCUME Cite No. Document Number Name of Patentee or Applicant of Cited Document A 5,635.693 Benson et al. B 6.292,795 Peters et al. C 5,805,074 Warren et al. D 6,431,438 Pires et al. FOREIGN PATENT DOCUME MM-DD-YYYY NON PATENT LITERATURE DOCUME Cite No. Include name of the author (in CAPITAL LETT title of the item (book, magazine, journal, seri volume-issue number(s), publisher, c	U.S. PATENT DOCUMENTS Cite No. Document Number Applicant of Cited Document A 5,635.693 Benson et al. 02 / 02 / 16 / 02 / 02 / 02 / 02 / 02 / 02 / 02 / 0	



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

	Attorney Docket No. K047 1084	Serial No. 10/614,387
	Applicant William C. Malone	у
Ī	Filing Date	Group

				July	7, 20	03 ·	2	636	
			U.S.	PATENT DOCUMENT	S				
Examiner Initials	Item	Document Number	Date	Name		Class	Subclass	Filing If Appr	
M	Α	5,287,414	02/94	Foster		382	100		
	В	5,374,815	12/94	Waterhouse et al.		235	383		
	С	4,575,719	03/86	Bertagana et al.		340	- 825:35	5.9	
	D	4,845,492	07/89	Cobb et al.		340	825.490		
	Е	4,595,922	06/86	Cobb et al.		340	825.49		
7	F	4,549,170	10/85	Serres et al.		340	568		
	·G	4,519,522	05/85	McElwee		221	13	′	
	Н	4,889,977	12/89	Haydon		235	375		
	I	4,866,661	09/89	dePrins	235	364	900-	382	
	J	4,814,592	03/89	Bradt et al.		235	381		
V	K	3,451,043	0,6/69	SR Krause	231	340	1 52	385	
	,	Document	FOREIO Date	GN PATENT DOCUMENT Country	NTS	Class	Subclass	Transl	ation
		Number						Yes	No
~	L	WO9504324	02/93	PCT					
N	М	WO9512858	05/95	PCT					
į									
İ					1				
		OTHER DOCU	JMENTS	(Including Author, Title, Dat	e, Perti	inent Pa	ges, etc.)		
 -	+		· 1/						
		L							

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

i	EXAMINER'S SIGNATURE	
	I //// / I	
	1 // 2 /	

DATE CONSIDERED:



				- 12 M. 12 M						
Forr	n PT	O-14	149	الله الله الله الله الله الله الله الله	BADELE	Attorney D			al No.	
						K047 108 Applicant	84	10/0	514,387	
	INF	ORN	MATION DISC	CLOSURE	CITATION	William C. Maloney				
ı			(Use several she	eets if necessi	ary)	Filing Date		Grou	.ip	
		_				July 7, 20		26	36 .	
				U.S.	PATENT DOCU	JMENTS				
		Item	Document	Date	Nam	е	Class	Subclass	Filing	
Init			Number	00/04			225	205	lf Appr	opriate
$\frac{\lambda}{-1}$	_	N	5,038,023		Saliga	- - -	235	385		
\dashv		0	4,419,734		Wolfson et al.	702	364	-567	129	
_	<u>. </u>	P	4,737,910		Kimbrow	705	364	403	28	
_		Q	4,796,209	01/89		700	3 64	5 59	302	
_		R	5,335,170		Petteruti et al.	705	- 3 64	403-	28	
		S	5,521,815		Rose, Jr.	705	364	409-	28	
		T	5,426,284	06/95		705	235	385	28	
		U	5,319,544	06/94	Schmerer et al.	705	364-	403	28	
		V	5,404,384	04/95	Colburn et al.		377	6		
		W	5,533,079	07/96	Colburn et al.		377	6		
1	/	Х	5,801,628	09/98	Maloney		235	375		
				FOREIG	GN PATENT DO	CUMENTS				
			Document	Date	Count	ry	Class	Subclass	Transl	ation
		j	Number						Yes	No
								L	I	
	_									
1								- · · · · ·		
			 							
								•		
			OTHER DOC	OI IN CENTRO		7: D . D .		- 1	L	L
			OTHER DOC		(Including Author,	I IIIe, Daie, Peri	ineni Pa	ges, etc.)		
					· ·					
		_								
					,					
			<u> </u>							
									•	
<u></u>			·			***				
					ether or not citation is Include copy of this fo					rough
			SIØNATURE:			CONSIDERED	: /	1	•	
			1/am				9/10	10 Li		



Form PTO-1449 Attorney Docket No. Serial No. K047 1084 10/614,387 **Applicant** INFORMATION DISCLOSURE CITATION William C. Maloney (Use several sheets if necessary) Filing Date Group July 7, 2003 2636 U.S. PATENT DOCUMENTS Examiner Item Document Name Class Subclass Filing Date Date Initials Number If Appropriate 825.31 5.32 Y 4,635,053 01/87 Banks et al. 340 1 Z 4,673,915 06/87 Cobb 340 330 5,777,884 07/98 Belka et al. 364 478.13 225 700 AB 5,689,238 11/97 Cannon, Jr. et al. 340 568. 1 AC 5,671,362 395 228 28 09/97 Cowe et al. 705 AD 4,636,950 01/87 Caswell et al. -364-40328 705 06/81 White 312 ΑE 4,275,385 340 825,49 AF 4,209,787 06/80 Freeny, Jr. 343 H2R 457 05/89 Anders et al. 364 1389 AG 4,827,395 700 154-AΗ 5,062,151 10/91 Shipley 359 108 398 4,658,357 04/87 Carroll et al. 364 406 32 705 FOREIGN PATENT DOCUMENTS Date Class Subclass Translation Document Country Number Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. EXAMINER'S SIGNATURE DATE CONSIDERED:



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No. Serial No. K047 1084 10/614,387

Applicant William C. Maloney

Filing Date Group

	(Use several sheets if necessary)			ary)	Filing Date Gro July 7, 2003 26		263	κ ·	
			U.S.	PATENT DOCU	MENTS				
Examiner Initials	ltem	Document Number	Date	Name		Class	Subclass	Filing If Appro	
W	AJ	5,218,344	06/93	Ricketts		340	573.4		
	AK	4,926,161	05/90	Cupp		340	572	988	
	AL	5,528,222	06/96	Moskowitz et al.		340	572 ,7		
	AM	5,182,570	. 01/93	Nysen et al.		343	795		
	AN	5,627,520	05/97	Grubbs et al.		340	572.1		
	AO	4,853,692	08/89	Wolk et al.		340	573. 		
	AP	5,021,778	06/91	Walton		340	825.54	10.34	
	AQ	5,402,104	03/95	LaRosa		340	539 , 23		
	AR	4,595,922	06/86	R.G. Cobb et al.		340	572.1		
	AS	5,612,683	03/97	D.J. Trempala et al.		340	8 25:31	5.23	
V	ΑТ	5,525,969	06/96	C.K. Ladue		340	573.4		
	•		FOREI	GN PATENT DO	CUMENTS				
		Document	Date	Country		Class	Subclass	Transl	ation
		Number				·		Yes	No
									<u> </u>
_									ļ
1									ļ
									<u> </u>
								<u> </u>	
		OTHER DOO	CUMENTS	(Including Author, I	itle, Date, Peri	tinent Pa	ges, etc.)		

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

DATE CONSIDERED:

EXAMINER'S SIGNATURE;



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No. K047 1084	Serial No. 10/614,387					
Applicant William C. Maloney						
Filing Date July 7, 2003	Group 2636					

		·		July	7, 2003		0 /2	
			U.S.	PATENT DOCUMENTS	3	•		
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing If Appro	
4	AU	5,287,414	02/94	A.E. Foster	235	383		
	AV	5,739,765	04/98	J.D. Stanfield, et al.	340	572.1		
	AW	5,721,531	02/98	W.J. Garver, et al.	340	568.1		
	AX	5,172,829	12/92	H.A. Dellicker, Jr.	221	13		
	AY	4,799,587	01/89	D.A. Desanto	206	37.6		
	ΑZ	2,859,789	05/57	A.C.W. Buckett	206	37.4		
	ВА	4,661,806	05/85	Peter et al.	340	568		
	ВВ	4,060,795	08/76	Harumiya et al.	364	900		
	вс	3,648,241	03/69	Naito et al.	340	147R		
	BD	4,267,942	06/79	Wick, Jr. et al.	221	2		
1	BE	5,703,785	08/94	Bluemel et al.	364	479.14		
·	<u>.</u>	Document	FOREI	GN PATENT DOCUMEN Country	NTS Class	Subclass	Transl	ation
		Number					Yes	No
 i								
	·	OTHER DOCU	MENTS	(Including Author, Title, Dat	e, Pertinent Pa	iges, etc.)		
	-							
						· - ·		
	1							
								

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

DATE CONSIDERED:

EXAMINER'S SIGNATURE

AUS 15 2003

Attorney Docket No. Serial No. Form PTO-1449 K047 1084 10/614,387 Applicant INFORMATION DISCLOSURE CITATION William C. Maloney Filing Date Group (Use several sheets if necessary) 2636 July 7, 2003 U.S. PATENT DOCUMENTS Filing Date Name Class Subclass Examiner Item Document Date If Appropriate Number Initials A. Walter 29,236 08/1898 BF 312 BG 527,589 10/1894 T.L. Bristol 212 BH D375,857 11/96 De Blois 511 467 06/90 Gambello D6 BI D308,777 Miller D6 467 D429,093 08/00 407 D6 10/99 Smith BK D415,367 369 14 BL4,839,875 06/89 Kuriyama et al. Geiszler et al. 340 572 5,099,227 03/92 BM 364 403 07/95 Sims et al. 5,434,775 BN 312 223 2,971,806 02/61 N.H. Anderson 340 572.1 10/99 5,963,134 Bowers et al. FOREIGN PATENT DOCUMENTS Subclass Translation Date Class Document Country Number Yes No G01V 15/00 BQ WO 98/15853 04/98 PCT WO 98/15851 04/98 PCT G01V BR 3/10 GOIV 15/00 WO 96/31790 10/96 PCT G01V 15/00 BT WO 97/04338 02/97 PCT WO 97/48990 12/97 PCT G01V 3/08 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. EXAMINER'S SIGNATURE: DATE CONSIDERED:

COMMERCE



al No. 14,387	7
p	
36.	
Filing If Appr	
572.	7
1001	
215	
Transl	ation
Yes	No
	-
····	
<u>-</u>	
·	
w line th	hrough
	Yes



		AUG	د مسر					Sheet 8	of 9
Form PT	O-14	149	BADE TO	<u></u>	Attorney I K047 10		I	ial No. 614,387	-
INI	FORI	MATION DISCLO	OSURE	CITATION	Applicant William	C. Mal			
		(Use several sheets	if necess	ary)	Filing Date July 7, 20		Gro	up	···
			U.S	PATENT DOCU			'		
Examiner Initials	Item	Document Number	Date	Name		Class	Subclass	Filing If Appr	
N	CG	6,204,764	03/01	Maloney		340	568.1		-
	СН	6,195,005	02/01	Maloney		340	568.1		
	CI	6,075,441	06/00	Maloney	,	340	568.1		
	Cl	5,661,457	08/97	Ghaffari et al.		340	572.7		
	CK	5,708,419	01/98	Isaacson et al.		340	572.5		
	CL	2,859,789	11/58	A.C.W. Buckett	206	150	49	37. 4	
	СМ	4,799,587	01/89	Desanto		206	37.6		,
	CN	5,172,829	12/92	Dellicker, Jr.		221	13		
	со	5,525,969	06/96	LaDue		340	573.4		
	CP	5,721,531	02/98	Garver et al.	•	340	568.1		
V	CQ	5,739,765	04/98	Stanfield et al.		340	825.49		
			FOREI	GN PATENT DOC	CUMENTS				
		Document	Date	Countr	y	Class	Subclass	Transl	ation
		Number					•	Yes	No
N.	CR	WO 97/48990	12/97	PCT		G01V	15/00		<u> </u>
	cs	WO 99/35516	07/99	PCT		G01V	15/00		
	СТ	WO 99/23741	05/99	РСТ		G01V	15/00		
	CU	WO 99/09436	02/99	PCT		G01V	15/00		
	CV	WO 98/26312	06/98	PCT		G01V	15/00		
		OTHER DOCUM	ÆNTS	(Including Author, T	itle. Date. Peri	inent Pa	ges. etc.)	I	•
									
	+								
	\dashv		·						
		-		•					
				ether or not citation is i					hrough
		SIGNATURE:			CONSIDERED		1	Prisone.	



			1 () ()	ريس				_	_
Form P7	O-14	149	Carre Land		Attorney D K047 10			ial No. 614,387	
INI	FORI	MATION DISCLO	SURE	CITATION	Applicant William	C. Mal		<u> </u>	
	•	(Use several sheets	if necess	ary)	Filing Date July 7, 20		Gro	up 436	
			U.S.	PATENT DOCU	MENTS		•		٠
Examiner Initials	Item	Document Number	Date	Name	:	Class	Subclass	Filing If Appr	
W	CW	4,315,247	02/82	C.E. Germanton	34o	235	3 82	5.6	
	CX	5,480,062	01/96	L.W. Rogers, et al.		221	174		
	CY	5,405,048	04/95	L.W. Rogers, et al.		221	211		
	CZ	6,131,808	10/00	M. Pires, et al.	235	3 40	*	375	
\checkmark	DA	4,783,655	11/88	Cobb ct al.		340	825.49		
			ļ					ļ	
							 ,		

							-		
		*							
	L	L	<u> </u>		-, -				·
			FOREI	GN PATENT DO	CUMENTS				
		Document	Date	Countr	у	Class	Subclass	Transl	ation
		Number						Yes	No
							,		_ ` _
•									
•		OTHER DOCUM	ÆNTS	(Including Author, T	itle, Date, Pert	inent Pa	ges, etc.)		•
									
									
	_				· · · · · · · · · · · · · · · · · · ·				
-						-		·	
			-						
* EXAMI	NER:	Initial if citation consider	dered, wh	ether or not citation is i	in conformance v	vith MPE	P§ 609. D	raw line th	rough
		SIGNATURE: 1			CONSIDERED		/		



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.	Serial No.						
K047 1084	10/614,387						
Applicant							
William C. Maloney							

URE CITATION	William C. Maloney				
ecessary)	Filing Date July 7, 2003	Group 2636			
U.S. PATENT DOC	UMENTS				
					

Initials		Document Number	Date	Name	Class	Subclass	Filing If Appro	
							<u> </u>	
			FOREI					<u></u>
r			FOREI	GN PATENT DOCUMEN	VIS			
		Document Number	Date	Country	Class	Subclass	Transla	ation
		Number					Yes	No
4	Α	WO 97/09687	03/97	PCT	G06F	17/60		
			1					
	1	OFFICE POST						
				(Including Author, Title, Date				
W		B DALLAS Sen Brochure – 19	niconducto 95	or – DS2407 Dual Addressable	e Switch Plus 1	K-Bit Mem	ory – 2 I	Page
					* ** * * * * * * * * * * * * * * * * *			•
		-			:			
	1						·- · · · · · · · · · · · · · · · · · ·	
		111				oloh		



-	Attorney Docket No.	Serial No.				
	K047 1084	10/614,387				
	Applicant					
	William C. Maloney					
	Filing Date	Group				

		••••			NU4/108	4	10/	014,30	<u>/</u>
INI	FOR	MATION DISCL	OSURE	CITATION	Applicant William (C. Malo	oney		
	(Use several sheets if necessary)			ary)	Filing Date July 7, 2003		Group 2636		
			U.S.	PATENT DOCU	MENTS			-	<u></u>
Examiner Initials	Item	Document Number	Date	Name	;	Class	Subclass	Filing If Appr	
w	A	5,971,593	10/99	McGrady		700	233		
~	В	6,148,271	11/00	Marinelli .		702	141		
								<u> </u>	
								·	
<u> </u>									
	<u> </u>		FORE	GN PATENT DO	CUMENTS		· .	·	
		Document Number	Date	Countr	y Class	Class	Subclass	Translation	
	- Trumber						Yes No		
		OTHER DOCU	MENTS	(Including Author, I	Title, Date, Pert	inent Pa	ges, etc.)		
citation if no	ot in co	onformance and not c	sidered, wl onsidered.	nether or not citation is Include copy of this fo	in conformance v rm with next cor	vith MPE	EP § 609. Di	aw line tl plicant.	nrough
EXAMIN	ER'S	SIGNATURE:	1	DATE	CONSIDERED	: 9	10/04		